GenCore version 5.1.5

OM nucleic - nucleic search, using sw model

Run on: June 1, 2003, 20:07:45 ; Search time 129 Seconds
(without alignments)
5306.221 Million cell updates/sec

Title: US-09-625-573-1
Perfect score: 2232
Sequence: 1 GGATTGAACAAGGACGCATT.....TATAACTATGTTGATAAAAG 2232

Scoring table: OLIGO_NUC
Gapop 60.0 , Gapext 60.0

Searched: 441362 seqs, 153338381 residues

Word size : 0

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	2232	100.0	2232	1	US-08-450-393A-1	Sequence 1, Appli
	2	2232	100.0	2232	3	US-08-446-669-1	Sequence 1, Appli
	3	2232	100.0	2232	5	PCT-US95-00476-1	Sequence 1, Appli
	4	980	43.9	1979	1	US-08-450-393A-3	Sequence 3, Appli
	5	980	43.9	1979	3	US-08-446-669-3	Sequence 3, Appli
	6	980	43.9	1979	5	PCT-US95-00476-3	Sequence 3, Appli
	7	65	2.9	461	3	US-09-087-232A-11	Sequence 11, Appl
	8	65	2.9	792	4	US-08-833-752-1	Sequence 1, Appli
	9	65	2.9	1059	4	US-08-724-984A-3	Sequence 3, Appli
	10	65	2.9	1071	3	US-09-087-232A-14	Sequence 14, Appl
	11	65	2.9	1344	3	US-09-087-232A-16	Sequence 16, Appl
	12	65	2.9	1376	3	US-09-087-232A-12	Sequence 12, Appl
	13	65	2.9	1414	3	US-08-466-343D-1	Sequence 1, Appli
	14	65	2.9	1442	4	US-08-833-752-3	Sequence 3, Appli
	15	65	2.9	1477	4	US-08-833-752-2	Sequence 2, Appli
	16	65	2.9	3383	4	US-08-861-105-13	Sequence 13, Appl
	17	65	2.9	3383	4	US-08-575-967A-1	Sequence 1, Appli
	18	65	2.9	5674	4	US-09-293-170-3	Sequence 3, Appli
	19	47	2.1	1059	4	US-09-517-605-8	Sequence 8, Appli
	20	33	1.5	2440	4	US-08-724-984A-1	Sequence 1, Appli
c	21	32	1.4	32	2	US-08-859-998-424	Sequence 424, App
c	22	32	1.4	32	4	US-09-225-928-424	Sequence 424, App
	23	30	1.3	30	2	US-08-859-998-423	Sequence 423, App
	24	30	1.3	30	4	US-09-225-928-423	Sequence 423, App
	25	28	1.3	147	4	US-08-833-752-12	Sequence 12, Appl
	26	28	1.3	239	4	US-09-481-288-1	Sequence 1, Appli
	27	27	1.2	27	2	US-09-130-114-30	Sequence 30, Appl
	28	27	1.2	27	4	US-08-991-184-3	Sequence 3, Appli
c	29	26	1.2	29	4	US-08-928-465-5	Sequence 5, Appli
	30	26	1.2	32	3	US-08-876-078-14	Sequence 14, Appl
	31	26	1.2	32	4	US-08-831-823-14	Sequence 14, Appl
	32	26	1.2	33	3	US-09-037-327-9	Sequence 9, Appli
c	33	26	1.2	54	4	US-08-928-465-2	Sequence 2, Appli
	34	25	1.1	25	4	US-08-928-465-6	Sequence 6, Appli
	35	24	1.1	24	4	US-09-121-781-3	Sequence 3, Appli
	36	24	1.1	24	4	US-09-359-193-3	Sequence 3, Appli
	37	24	1.1	24	4	US-09-905-835-3	Sequence 3, Appli
	38	24	1.1	24	4	US-09-896-309-3	Sequence 3, Appli
	39	24	1.1	24	4	US-09-905-847-3	Sequence 3, Appli
	40	24	1.1	24	4	US-09-905-849-3	Sequence 3, Appli
	41	24	1.1	24	4	US-09-905-848-3	Sequence 3, Appli
	42	24	1.1	24	4	US-09-866-970-3	Sequence 3, Appli
	43	24	1.1	1089	4	US-09-513-838-1	Sequence 1, Appli
	44	24	1.1	2328	4	US-09-513-838-5	Sequence 5, Appli
c	45	23	1.0	47	4	US-08-928-465-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-08-450-393A-1
; Sequence 1, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450,393A
; FILING DATE: May 25, 1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Cserr, Luann
; REGISTRATION NUMBER: 31,822
; REFERENCE/DOCKET NUMBER: UCAL-237/02US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5165
; TELEFAX: 415-8857-0663
; TELEX: 380816CooleyPA
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 40..1161
US-08-450-393A-1

Query Match 100.0%; Score 2232; DB 1; Length 2232;
Best Local Similarity 100.0%; Pred. No. 0;

Matches 2232; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
Db       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60

Qy      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
Db      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120

Qy     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
Db     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180

Qy     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
Db     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240

Qy     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
Db     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300

Qy     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
Db     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360

Qy     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
Db     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420

Qy     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
Db     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480

Qy     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
Db     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540

Qy     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
Db     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600

Qy     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
Db     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660

Qy     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
Db     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720

Qy     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
Db     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780

Qy     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
Db     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840

Qy     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
Db     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900

Qy     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
Db     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960

Qy     961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020
Db     961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020

Qy    1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080
Db    1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080

Qy    1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140
Db    1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140

Qy    1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200
Db    1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200

Qy    1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260
Db    1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260

Qy    1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320
Db    1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320

Qy    1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380
Db    1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380

Qy    1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440
Db    1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440

Qy    1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500
Db    1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500

Qy    1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560
Db    1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560

Qy    1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620
Db    1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620

Qy    1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680
Db    1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680

Qy    1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740
Db    1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740

Qy    1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800
Db    1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800

Qy    1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860
Db    1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860

Qy    1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920
Db    1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920

Qy    1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980
Db    1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980

Qy    1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040
Db    1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040

Qy    2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100
Db    2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100

Qy    2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160
Db    2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160
```

```
Qy    2161 TGAAATGTAAATACTGTTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    2161 TGAAATGTAAATACTGTTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220

Qy    2221 TGTTGATAAAAG 2232
           ||||||||||||
Db    2221 TGTTGATAAAAG 2232


RESULT 2
US-08-446-669-1
; Sequence 1, Application US/08446669
; Patent No. 6132987
;  GENERAL INFORMATION:
;    APPLICANT:  Charo, Israel
;    APPLICANT:  Coughlin, Shaun
;    TITLE OF INVENTION:  MAMMALIAN MONOCYTE CHEMOATTRACTANT
;    TITLE OF INVENTION:  PROTEIN RECEPTORS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooley Godward Castro Huddleson & Tatum
;      STREET:  5 Palo Alto Square
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94306-2155
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/446,669
;      FILING DATE:  May 25, 1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Neeley, Richard
;      REGISTRATION NUMBER:  30,092
;      REFERENCE/DOCKET NUMBER:  UCAL-237/01US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-843-5000
;      TELEFAX:  415-857-0663
;      TELEX:  380816CooleyPA
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  2232 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  40..1161
US-08-446-669-1

  Query Match             100.0%;  Score 2232;  DB 3;  Length 2232;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches 2232;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60

Qy      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120

Qy     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180

Qy     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240

Qy     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300

Qy     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360

Qy     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420

Qy     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480

Qy     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540

Qy     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600

Qy     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660

Qy     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720

Qy     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780

Qy     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840

Qy     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900

Qy     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960

Qy     961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020

Qy    1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080

Qy    1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140

Qy    1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200

Qy    1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260

Qy    1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320
```

```
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320

Qy     1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380

Qy     1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440

Qy     1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500

Qy     1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560

Qy     1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620

Qy     1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680

Qy     1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740

Qy     1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800

Qy     1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860

Qy     1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920

Qy     1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980

Qy     1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040

Qy     2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100

Qy     2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160

Qy     2161 TGAAATGTAAATACTGTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     2161 TGAAATGTAAATACTGTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220

Qy     2221 TGTTGATAAAAG 2232
            ||||||||||||
Db     2221 TGTTGATAAAAG 2232
```

RESULT 3
PCT-US95-00476-1
; Sequence 1, Application PC/TUS9500476
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robbins, Berliner & Carson
; STREET: 201 N. Figueroa Street, 5th Floor
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90012-2628
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00476
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berliner, Robert
; REGISTRATION NUMBER: 20,121
; REFERENCE/DOCKET NUMBER: 5555-291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-977-1001
; TELEFAX: 310-977-1003
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2232 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 40..1161
PCT-US95-00476-1

```
  Query Match             100.0%;  Score 2232;  DB 5;  Length 2232;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches 2232;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy        1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60

Qy       61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db       61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120

Qy      121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180

Qy      181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240

Qy      241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300

Qy      301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360

Qy      361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
            ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
```

```
Qy    421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480

Qy    481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540

Qy    541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600

Qy    601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660

Qy    661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720

Qy    721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780

Qy    781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840

Qy    841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900

Qy    901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960

Qy    961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    961 GTTGGGGAGAAGTTCAGAAGCCTTTTTCACATAGCTCTTGGCTGTAGGATTGCCCCACTC 1020

Qy   1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1021 CAAAAACCAGTGTGTGGAGGTCCAGGAGTGAGACCAGGAAAGAATGTGAAAGTGACTACA 1080

Qy   1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1081 CAAGGACTCCTCGATGGTCGTGGAAAAGGAAAGTCAATTGGCAGAGCCCCTGAAGCCAGT 1140

Qy   1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1141 CTTCAGGACAAAGAAGGAGCCTAGAGACAGAAATGACAGATCTCTGCTTTGGAAATCACA 1200

Qy   1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1201 CGTCTGGCTTCACAGATGTGTGATTCACAGTGTGAATCTTGGTGTCTACGTTACCAGGCA 1260

Qy   1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1261 GGAAGGCTGAGAGGAGAGAGACTCCAGCTGGGTTGGAAAACAGTATTTTCCAAACTACCT 1320

Qy   1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1321 TCCAGTTCCTCATTTTTGAATACAGGCATAGAGTTCAGACTTTTTTTAAATAGTAAAAAT 1380

Qy   1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1381 AAAATTAAAGCTGAAAACTGCAACTTGTAAATGTGGTAAAGAGTTAGTTTGAGTTGCTAT 1440

Qy   1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1441 CATGTCAAACGTGAAAATGCTGTATTAGTCACAGAGATAATTCTAGCTTTGAGCTTAAGA 1500

Qy   1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1501 ATTTTGAGCAGGTGGTATGTTTGGGAGACTGCTGAGTCAACCCAATAGTTGTTGATTGGC 1560

Qy   1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1561 AGGAGTTGGAAGTGTGTGATCTGTGGGCACATTAGCCTATGTGCATGCAGCATCTAAGTA 1620

Qy   1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1621 ATGATGTCGTTTGAATCACAGTATACGCTCCATCGCTGTCATCTCAGCTGGATCTCCATT 1680

Qy   1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1681 CTCTCAGGCTTGCTGCCAAAAGCCTTTTGTGTTTTGTTTTGTATCATTATGAAGTCATGC 1740

Qy   1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1741 GTTTAATCACATTCGAGTGTTTCAGTGCTTCGCAGATGTCCTTGATGCTCATATTGTTCC 1800

Qy   1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1801 CTAATTTGCCAGTGGGAACTCCTAAATCAAATTGGCTTCTAATCAAAGCTTTTAAACCCT 1860

Qy   1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1861 ATTGGTAAAGAATGGAAGGTGGAGAAGCTCCCTGAAGTAAGCAAAGACTTTCCTCTTAGT 1920

Qy   1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1921 CGAGCCAAGTTAAGAATGTTCTTATGTTGCCCAGTGTGTTTCTGATCTGATGCAAGCAAG 1980

Qy   1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   1981 AAACACTGGGCTTCTAGAACCAGGCAACTTGGGAACTAGACTCCCAAGCTGGACTATGGC 2040

Qy   2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   2041 TCTACTTTCAGGCCACATGGCTAAAGAAGGTTTCAGAAAGAAGTGGGGACAGAGCAGAAC 2100

Qy   2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   2101 TTTCACCTTCATATATTTGTATGATCCTAATGAATGCATAAAATGTTAAGTTGATGGTGA 2160

Qy   2161 TGAAATGTAAATACTGTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db   2161 TGAAATGTAAATACTGTTTTTAACAACTATGATTTGGAAAATAAATCAATGCTATAACTA 2220

Qy   2221 TGTTGATAAAAG 2232
          ||||||||||||
Db   2221 TGTTGATAAAAG 2232
```

RESULT 4
US-08-450-393A-3
; Sequence 3, Application US/08450393A
; Patent No. 5707815
; GENERAL INFORMATION:
; APPLICANT: Charo, Israel
; APPLICANT: Coughlin, Shaun
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward Castro Huddleson & Tatum
; STREET: 5 Palo Alto Square
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

```
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/450,393A
;      FILING DATE:  May 25, 1995
;      CLASSIFICATION:  424
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Cserr, Luann
;      REGISTRATION NUMBER:  31,822
;      REFERENCE/DOCKET NUMBER:  UCAL-237/02US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-843-5165
;      TELEFAX:  415-8857-0663
;      TELEX:  380816CooleyPA
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1979 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  81..1160
US-08-450-393A-3

  Query Match             43.9%;  Score 980;  DB 1;  Length 1979;
  Best Local Similarity   100.0%;  Pred. No. 0;
  Matches  980;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      42 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 101

Qy      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     102 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 161

Qy     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     162 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 221

Qy     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     222 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 281

Qy     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     282 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 341

Qy     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     342 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 401

Qy     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     402 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 461

Qy     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     462 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 521

Qy     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     522 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 581

Qy     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     582 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 641

Qy     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     642 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 701

Qy     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     702 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 761

Qy     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     762 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 821

Qy     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     822 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 881

Qy     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     882 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 941

Qy     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     942 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 1001

Qy     961 GTTGGGGAGAAGTTCAGAAG 980
          ||||||||||||||||||||
Db    1002 GTTGGGGAGAAGTTCAGAAG 1021


RESULT 5
US-08-446-669-3
; Sequence 3, Application US/08446669
; Patent No. 6132987
;  GENERAL INFORMATION:
;    APPLICANT:  Charo, Israel
;    APPLICANT:  Coughlin, Shaun
;    TITLE OF INVENTION:  MAMMALIAN MONOCYTE CHEMOATTRACTANT
;    TITLE OF INVENTION:  PROTEIN RECEPTORS
;    NUMBER OF SEQUENCES:  14
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Cooley Godward Castro Huddleson & Tatum
;      STREET:  5 Palo Alto Square
;      CITY:  Palo Alto
;      STATE:  California
;      COUNTRY:  USA
;      ZIP:  94306-2155
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/446,669
;      FILING DATE:  May 25, 1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Neeley, Richard
;      REGISTRATION NUMBER:  30,092
;      REFERENCE/DOCKET NUMBER:  UCAL-237/01US
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  415-843-5000
;      TELEFAX:  415-857-0663
;      TELEX:  380816CooleyPA
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1979 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    HYPOTHETICAL:  NO
;    ANTI-SENSE:  NO
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  81..1160
```

US-08-446-669-3

Query Match 43.9%; Score 980; DB 3; Length 1979;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
Db      42 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 101

Qy      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
Db     102 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 161

Qy     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
Db     162 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 221

Qy     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
Db     222 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 281

Qy     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
Db     282 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 341

Qy     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
Db     342 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 401

Qy     361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
Db     402 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 461

Qy     421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
Db     462 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 521

Qy     481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
Db     522 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 581

Qy     541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
Db     582 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 641

Qy     601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
Db     642 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 701

Qy     661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
Db     702 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 761

Qy     721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
Db     762 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 821

Qy     781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
Db     822 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 881

Qy     841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
Db     882 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 941

Qy     901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
Db     942 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 1001

Qy     961 GTTGGGGAGAAGTTCAGAAG 980
Db    1002 GTTGGGGAGAAGTTCAGAAG 1021
```

RESULT 6
PCT-US95-00476-3
; Sequence 3, Application PC/TUS9500476
; GENERAL INFORMATION:
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: MAMMALIAN MONOCYTE CHEMOATTRACTANT
; TITLE OF INVENTION: PROTEIN RECEPTORS
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Robbins, Berliner & Carson
; STREET: 201 N. Figueroa Street, 5th Floor
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90012-2628
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/00476
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Berliner, Robert
; REGISTRATION NUMBER: 20,121
; REFERENCE/DOCKET NUMBER: 5555-291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 310-977-1001
; TELEFAX: 310-977-1003
; TELEX:
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1979 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 81..1160
PCT-US95-00476-3

Query Match 43.9%; Score 980; DB 5; Length 1979;
Best Local Similarity 100.0%; Pred. No. 0;
Matches 980; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy       1 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 60
Db      42 GGATTGAACAAGGACGCATTTCCCCAGTACATCCACAACATGCTGTCCACATCTCGTTCT 101

Qy      61 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 120
Db     102 CGGTTTATCAGAAATACCAACGAGAGCGGTGAAGAAGTCACCACCTTTTTTGATTATGAT 161

Qy     121 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 180
Db     162 TACGGTGCTCCCTGTCATAAATTTGACGTGAAGCAAATTGGGGCCCAACTCCTGCCTCCG 221

Qy     181 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 240
Db     222 CTCTACTCGCTGGTGTTCATCTTTGGTTTTGTGGGCAACATGCTGGTCGTCCTCATCTTA 281

Qy     241 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 300
Db     282 ATAAACTGCAAAAAGCTGAAGTGCTTGACTGACATTTACCTGCTCAACCTGGCCATCTCT 341

Qy     301 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 360
```

```
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    342 GATCTGCTTTTTCTTATTACTCTCCCATTGTGGGCTCACTCTGCTGCAAATGAGTGGGTC 401

Qy    361 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 420
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    402 TTTGGGAATGCAATGTGCAAATTATTCACAGGGCTGTATCACATCGGTTATTTTGGCGGA 461

Qy    421 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 480
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    462 ATCTTCTTCATCATCCTCCTGACAATCGATAGATACCTGGCTATTGTCCATGCTGTGTTT 521

Qy    481 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 540
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    522 GCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTGATCACCTGGTTGGTG 581

Qy    541 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 600
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    582 GCTGTGTTTGCTTCTGTCCCAGGAATCATCTTTACTAAATGCCAGAAAGAAGATTCTGTT 641

Qy    601 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 660
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    642 TATGTCTGTGGCCCTTATTTTCCACGAGGATGGAATAATTTCCACACAATAATGAGGAAC 701

Qy    661 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 720
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    702 ATTTTGGGGCTGGTCCTGCCGCTGCTCATCATGGTCATCTGCTACTCGGGAATCCTGAAA 761

Qy    721 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 780
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    762 ACCCTGCTTCGGTGTCGAAACGAGAAGAAGAGGCATAGGGCAGTGAGAGTCATCTTCACC 821

Qy    781 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 840
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    822 ATCATGATTGTTTACTTTCTCTTCTGGACTCCCTATAACATTGTCATTCTCCTGAACACC 881

Qy    841 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 900
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    882 TTCCAGGAATTCTTCGGCCTGAGTAACTGTGAAAGCACCAGTCAACTGGACCAAGCCACG 941

Qy    901 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 960
                ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    942 CAGGTGACAGAGACTCTTGGGATGACTCACTGCTGCATCAATCCCATCATCTATGCCTTC 1001

Qy    961 GTTGGGGAGAAGTTCAGAAG 980
                ||||||||||||||||||||
Db   1002 GTTGGGGAGAAGTTCAGAAG 1021
```

RESULT 7
US-09-087-232A-11
; Sequence 11, Application US/09087232A
; Patent No. 6153431
; GENERAL INFORMATION:
; APPLICANT: Quillent et al.
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR
; TITLE OF INVENTION: VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Baker & Botts, L.L.P. attn. Lisa Kole
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: USA
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/087,232A
; FILING DATE: 28 MAY 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/048,057
; FILING DATE: 30 MAY 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: KOLE, LISA B.
; REGISTRATION NUMBER: 35,225
; REFERENCE/DOCKET NUMBER: AP 31115
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 408-2628
; TELEFAX: (212) 765-2519
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 461 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-087-232A-11

Query Match 2.9%; Score 65; DB 3; Length 461;
Best Local Similarity 100.0%; Pred. No. 2.2e-22;
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
Qy    466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    156 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 215

Qy    526 ATCAC 530
          |||||
Db    216 ATCAC 220
```

RESULT 8
US-08-833-752-1
; Sequence 1, Application US/08833752
; Patent No. 6448375
; GENERAL INFORMATION:
; APPLICANT: SAMSON, MICHEL
; APPLICANT: PARMENTIER, MARC
; APPLICANT: VASSART, GILBERT
; APPLICANT: LIBERT, FREDERICK
; TITLE OF INVENTION: ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
; TITLE OF INVENTION: AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/833,752
; FILING DATE: 9-APR-1997
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 792 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; FEATURE:
; NAME/KEY: CDS

```
;      LOCATION:  240..791
US-08-833-752-1

  Query Match             2.9%;  Score 65;  DB 4;  Length 792;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     630 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689

Qy     526 ATCAC 530
           |||||
Db     690 ATCAC 694


RESULT 9
US-08-724-984A-3
; Sequence 3, Application US/08724984A
; Patent No. 6388055
;  GENERAL INFORMATION:
;    APPLICANT:  Derk Bergsma, Mary Brawner, and Usman Shabon
;    TITLE OF INVENTION:  No. 6388055el Mouse Genomic Clone of the CC-
;    TITLE OF INVENTION:  CKR5 Receptor
;    NUMBER OF SEQUENCES:  5
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  SmithKline Beecham Corporation
;      STREET:  709 Swedeland Road, P.O. Box 1539
;      CITY:  King of Prussia
;      STATE:  PA
;      COUNTRY:  USA
;      ZIP:  19406-0939
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;      COMPUTER:  IBM 486
;      OPERATING SYSTEM:  WINDOWS FOR WORKGROUPS
;      SOFTWARE:  MICROSOFT WORD
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/724,984A
;      FILING DATE:  October 3, 1996
;      CLASSIFICATION:  800
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:
;      FILING DATE:
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  William T. Han
;      REGISTRATION NUMBER:  34,344
;      REFERENCE/DOCKET NUMBER:  ATG50023
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  610 270 5024
;      TELEFAX:  610 270 5090
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1059
;      TYPE:  Nucleic Acid
;      STRANDEDNESS:  Single
;      TOPOLOGY:  Linear
;    ANTI-SENSE:  No
US-08-724-984A-3

  Query Match             2.9%;  Score 65;  DB 4;  Length 1059;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     391 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 450

Qy     526 ATCAC 530
           |||||
Db     451 ATCAC 455


RESULT 10
US-09-087-232A-14
; Sequence 14, Application US/09087232A
; Patent No. 6153431
;  GENERAL INFORMATION:
;    APPLICANT:  Quillent et al.
;    TITLE OF INVENTION:  HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR
;    TITLE OF INVENTION:  VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Baker & Botts, L.L.P. attn. Lisa Kole
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/087,232A
;      FILING DATE:  28 MAY 1998
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/048,057
;      FILING DATE:  30 MAY 1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KOLE, LISA B.
;      REGISTRATION NUMBER:  35,225
;      REFERENCE/DOCKET NUMBER:  AP 31115
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 408-2628
;      TELEFAX:  (212) 765-2519
;  INFORMATION FOR SEQ ID NO:  14:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1071 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  7..309
US-09-087-232A-14

  Query Match             2.9%;  Score 65;  DB 3;  Length 1071;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     397 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 456

Qy     526 ATCAC 530
           |||||
Db     457 ATCAC 461


RESULT 11
US-09-087-232A-16
; Sequence 16, Application US/09087232A
; Patent No. 6153431
;  GENERAL INFORMATION:
;    APPLICANT:  Quillent et al.
;    TITLE OF INVENTION:  HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR
;    TITLE OF INVENTION:  VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Baker & Botts, L.L.P. attn. Lisa Kole
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
```

```
;       STATE:  New York
;       COUNTRY:  USA
;       ZIP:  10112
;     COMPUTER READABLE FORM:
;       MEDIUM TYPE:  Floppy disk
;       COMPUTER:  IBM PC compatible
;       OPERATING SYSTEM:  PC-DOS/MS-DOS
;       SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
;     CURRENT APPLICATION DATA:
;       APPLICATION NUMBER:  US/09/087,232A
;       FILING DATE:  28 MAY 1998
;       CLASSIFICATION:  435
;     PRIOR APPLICATION DATA:
;       APPLICATION NUMBER:  60/048,057
;       FILING DATE:  30 MAY 1997
;     ATTORNEY/AGENT INFORMATION:
;       NAME:  KOLE, LISA B.
;       REGISTRATION NUMBER:  35,225
;       REFERENCE/DOCKET NUMBER:  AP 31115
;     TELECOMMUNICATION INFORMATION:
;       TELEPHONE:  (212) 408-2628
;       TELEFAX:  (212) 765-2519
;   INFORMATION FOR SEQ ID NO:  16:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH:  1344 base pairs
;       TYPE:  nucleic acid
;       STRANDEDNESS:  single
;       TOPOLOGY:  linear
;     MOLECULE TYPE:  DNA (genomic)
;     FEATURE:
;       NAME/KEY:  CDS
;       LOCATION:  240..887
US-09-087-232A-16

  Query Match             2.9%;  Score 65;  DB 3;  Length 1344;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     630 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689

Qy     526 ATCAC 530
           |||||
Db     690 ATCAC 694


RESULT 12
US-09-087-232A-12
; Sequence 12, Application US/09087232A
; Patent No. 6153431
;  GENERAL INFORMATION:
;    APPLICANT:  Quillent et al.
;    TITLE OF INVENTION:  HUMAN IMMUNODEFICIENCY VIRUS CO-RECEPTOR
;    TITLE OF INVENTION:  VARIANTS ASSOCIATED WITH RESISTANCE TO VIRUS INFECTION.
;    NUMBER OF SEQUENCES:  23
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Baker & Botts, L.L.P. attn. Lisa Kole
;      STREET:  30 Rockefeller Plaza
;      CITY:  New York
;      STATE:  New York
;      COUNTRY:  USA
;      ZIP:  10112
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/09/087,232A
;      FILING DATE:  28 MAY 1998
;      CLASSIFICATION:  435
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  60/048,057
;      FILING DATE:  30 MAY 1997
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  KOLE, LISA B.
;      REGISTRATION NUMBER:  35,225
;      REFERENCE/DOCKET NUMBER:  AP 31115
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (212) 408-2628
;      TELEFAX:  (212) 765-2519
;  INFORMATION FOR SEQ ID NO:  12:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1376 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  240..1298
US-09-087-232A-12

  Query Match             2.9%;  Score 65;  DB 3;  Length 1376;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     630 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689

Qy     526 ATCAC 530
           |||||
Db     690 ATCAC 694


RESULT 13
US-08-466-343D-1
; Sequence 1, Application US/08466343D
; Patent No. 6025154
;  GENERAL INFORMATION:
;    APPLICANT:  LI, Yi
;    TITLE OF INVENTION:  POLYNUCLEOTIDES ENCODING HUMAN G-PROTEIN
;    TITLE OF INVENTION:  CHEMOKINE RECEPTOR HDGNR10 (AS AMENDED)
;    NUMBER OF SEQUENCES:  9
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
;      STREET:  1100 NEW YORK AVE., NW, SUITE 600
;      CITY:  WASHINGTON
;      STATE:  DC
;      COUNTRY:  USA
;      ZIP:  20005
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.30
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/466,343D
;      FILING DATE:  06-JUN-1995
;      CLASSIFICATION:  435
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  STEFFE, ERIC K.
;      REGISTRATION NUMBER:  36,688
;      REFERENCE/DOCKET NUMBER:  1488.1150000/EKS/KLM
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  (202) 371-2600
;      TELEFAX:  (202) 371-2540
;  INFORMATION FOR SEQ ID NO:  1:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1414 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  double
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  cDNA
```

```
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  259..1314
US-08-466-343D-1

  Query Match             2.9%;  Score 65;  DB 3;  Length 1414;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     649 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 708

Qy     526 ATCAC 530
           |||||
Db     709 ATCAC 713


RESULT 14
US-08-833-752-3
; Sequence 3, Application US/08833752
; Patent No. 6448375
;  GENERAL INFORMATION:
;    APPLICANT:  SAMSON, MICHEL
;    APPLICANT:  PARMENTIER, MARC
;    APPLICANT:  VASSART, GILBERT
;    APPLICANT:  LIBERT, FREDERICK
;    TITLE OF INVENTION:  ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
;    TITLE OF INVENTION:  AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Knobbe, Martens, Olson & Bear
;      STREET:  620 Newport Center Drive  16th Floor
;      CITY:  Newport Beach
;      STATE:  CA
;      COUNTRY:  U.S.A.
;      ZIP:  92660
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/833,752
;      FILING DATE:  9-APR-1997
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Altman, Daniel E
;      REGISTRATION NUMBER:  34,115
;      REFERENCE/DOCKET NUMBER:
;  INFORMATION FOR SEQ ID NO:  3:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1442 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  240..884
US-08-833-752-3

  Query Match             2.9%;  Score 65;  DB 4;  Length 1442;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     630 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689

Qy     526 ATCAC 530
           |||||
Db     690 ATCAC 694


RESULT 15
US-08-833-752-2
; Sequence 2, Application US/08833752
; Patent No. 6448375
;  GENERAL INFORMATION:
;    APPLICANT:  SAMSON, MICHEL
;    APPLICANT:  PARMENTIER, MARC
;    APPLICANT:  VASSART, GILBERT
;    APPLICANT:  LIBERT, FREDERICK
;    TITLE OF INVENTION:  ACTIVE AND INACTIVE CC-CHEMOKINES RECEPTOR
;    TITLE OF INVENTION:  AND NUCLEIC ACID MOLECULES ENCODING SAID RECEPTOR
;    NUMBER OF SEQUENCES:  17
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Knobbe, Martens, Olson & Bear
;      STREET:  620 Newport Center Drive  16th Floor
;      CITY:  Newport Beach
;      STATE:  CA
;      COUNTRY:  U.S.A.
;      ZIP:  92660
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Floppy disk
;      COMPUTER:  IBM PC compatible
;      OPERATING SYSTEM:  PC-DOS/MS-DOS
;      SOFTWARE:  PatentIn Release #1.0, Version #1.25 (EPO)
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/833,752
;      FILING DATE:  9-APR-1997
;      CLASSIFICATION:  536
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Altman, Daniel E
;      REGISTRATION NUMBER:  34,115
;      REFERENCE/DOCKET NUMBER:
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  1477 base pairs
;      TYPE:  nucleic acid
;      STRANDEDNESS:  single
;      TOPOLOGY:  linear
;    MOLECULE TYPE:  DNA (genomic)
;    FEATURE:
;      NAME/KEY:  CDS
;      LOCATION:  240..1295
US-08-833-752-2

  Query Match             2.9%;  Score 65;  DB 4;  Length 1477;
  Best Local Similarity   100.0%;  Pred. No. 2.2e-22;
  Matches   65;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy     466 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 525
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db     630 GTCCATGCTGTGTTTGCTTTAAAAGCCAGGACGGTCACCTTTGGGGTGGTGACAAGTGTG 689

Qy     526 ATCAC 530
           |||||
Db     690 ATCAC 694


Search completed: June  1, 2003, 22:48:46
Job time : 136 secs
```